

WHAT IS CLAIMED IS:

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1. A data processing apparatus comprising:  
a main body having a device for data  
processing mounted therein;

10 a cover unit pivotally mounted to the main  
body for opening and closing in relation to the main  
body; and

a detecting mechanism for detecting the  
opening and closing of the cover unit, wherein  
the detecting mechanism includes,

15 a cam mounted coaxially to and rotating  
together with a pivot shaft that can rotate together  
with the cover unit, and

a detecting switch mounted to the main  
body and directly or indirectly actuated by the  
20 action of the cam as the cover unit opens and closes,  
thereby detecting the opening and closing of the  
cover unit.

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2. The data processing apparatus according  
to claim 1, wherein a lever is provided between the  
cam and the detecting switch for transmitting a  
30 displacement of the cam to the detecting switch.

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3. The data processing apparatus according  
to claim 1, wherein a cover member is provided on  
the main body for covering the detecting mechanism

as well as internal components of the main body.

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4. The data processing apparatus according to claim 1, wherein the detecting switch functions for energizing and de-energizing a display provided on the cover unit.

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